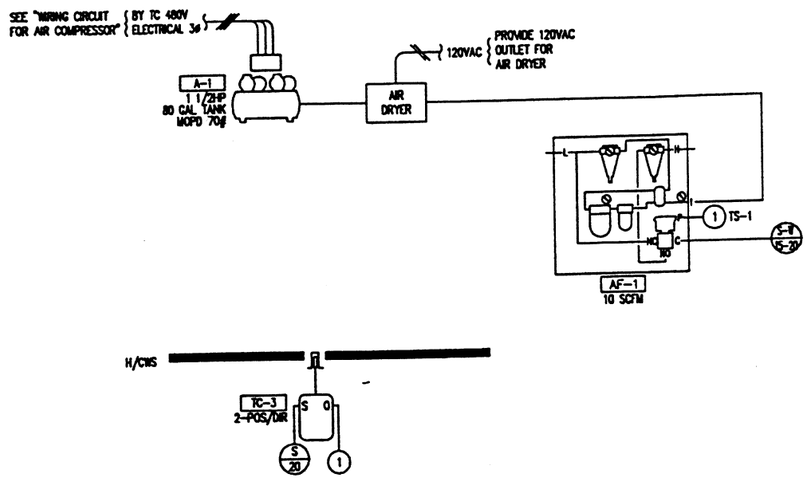
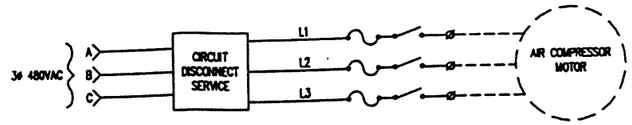
PNEUMATIC POWER AND HEATING/COOLING CHANGEOVER



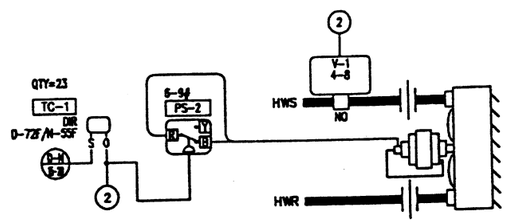
WIRING CIRCUIT FOR AIR COMPRESSOR



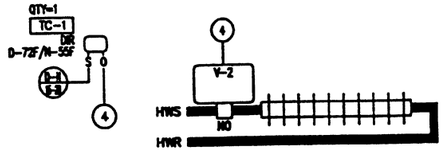
FIELD MATERIAL

DEVICE TAG	QTY	CODE NUMBER	DESCRIPTION
A-1	1	QC015080D3	DUPLEX AIR COMPRESSOR-QUINCY
AF-1	1	A-4000-140	FILTER STATION; REDUCING
C-1	1	C-9504-1	CUMULATOR, TWO POSITION
D-1	1	——	SEE DAMPER SCHEDULE
DA-1	1	D-3073-2	DAMPER ACTUATOR; 8-13#
PS-1-PS-2	24	P108C-7C	LOW RANGE PRES CONTROL
TC-1	24	T-4506-203	STAT V/O SV DIR HORIZ F
	24	T-4000-3139	COVER; WHITE PLASTIC, HRZ
	24.	T-4002-124	MTG. BRACKET, THERM.
TC-2	1	T-4002-201	THERMOSTAT; DIR HORIZ F
	1	T-4000-3139	COVER; WHITE PLASTIC, HRZ
	1	T-4002-124	MTG. BRACKET, THERM.
TC-3	1	T-8020-5	THERMOSTAT 2-POSITION
	1	T-8020-100	STAINLESS STEEL WELL
V-1-V-2	24	——	SEE VALVE SCHEDULE

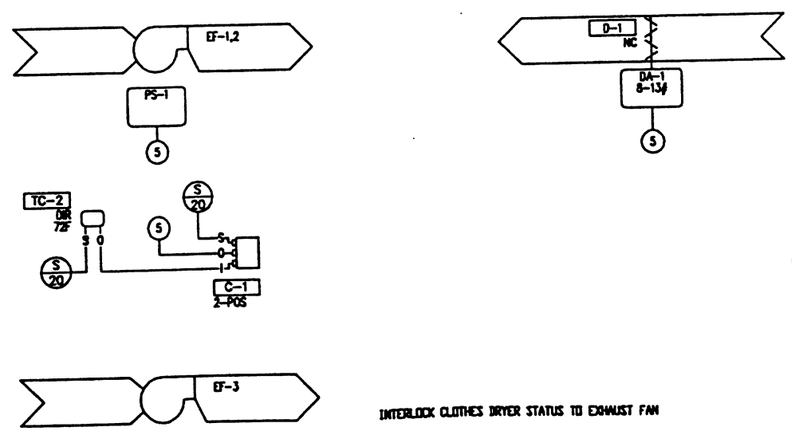
CABINET/UNIT HEATER CONTROL



FIN TUBE RADIATION



EXHAUST FAN CONTROL



INTERLOCK CLOTHES DRYER STATUS TO EXHAUST FAN

SEQUENCE OF OPERATIONS

TEMPERATURE SWITCH, TS-1 WILL CHANGE THE PNEUMATIC SUPPLY AIR PRESSURE BETWEEN 15 AND 20 PSI FOR SUMMER AND WINTER RESPECTIVELY.

ROOM CONTROLLER, TC-1 WILL MODULATE HEATING CONTROL VALVES V-1 AND V-2 FOR CABINET UNIT HEATER AND FIN TUBE TO MAINTAIN A SPACE TEMPERATURE OF 72 F. IN THE WINTER MODE. IN THE SUMMER MODE THE ROOM CONTROLLER WILL FULLY CLOSE THE CONTROL VALVES, V-1,2.

ROOM CONTROLLER, TC-2 WILL CYCLE EXHAUST FANS, EF-1-3 AND OPEN DAMPER TO MAINTAIN A 72 F. SPACE TEMPERATURE.

THE CLOTHES DRYER WILL BE INTERLOCKED TO THE EXHAUST FAN.

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DRAWING TITLE
Exhaust Fans, Fan Coils, Fintube Radiation and Pneumatic Power

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	2	AS BUILT		07/08/96	SAC
	1	General		08/11/95	SF

SALES ENGR	PROJECT MGR	APPL. ENGR	DRAWN		APPROVED	
JS	SF	DCS	BY SF	DATE 06/22/95	BY	DATE

FILE: URF_MISC

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